DOCKET NO.: ISIS-4847 Application No.: 09/965,551 Office Action Dated: April 24, 2003

CENER 1800's IN THE UNITED STATES PATENT AND TRADEMARK OFFIC

CARBOHYDRATE OR 2' MODIFIED OLIGONUCLEOTIDES HAVING

In re Application of: Muthiah Manoharan

Confirmation No.: 3873

Application No.: 09/965,551

Group Art Unit: 1635

Filing Date: September 27, 2001

Examiner: Schultz, James

ALTERNATING INTERNUCLEOSIDE LINKAGES

EXPRESS MAIL LABEL NO: EV 325640759 US

DATE OF DEPOSIT: July 23, 2003

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

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Sir:

REPLY PURSUANT TO 37 CFR § 1.111

	In response to the Official Action dated April 24, 2003, reconsideration is		
respectfully requested in view of the amendments and/or remarks as indicated below:			
		Amendments to the Specification begin on page	of this paper.
	\boxtimes	Amendments to the Claims are reflected in the listing of the claims which begins on page 2 of this paper.	
		Amendments to the Drawings begin on page an attached replacement sheet.	of this paper and include

Remarks/Arguments begin on page 14 of this paper.